



LCMS ANALYSIS OF RECOMBINANT PEPTIDE VARIANTS

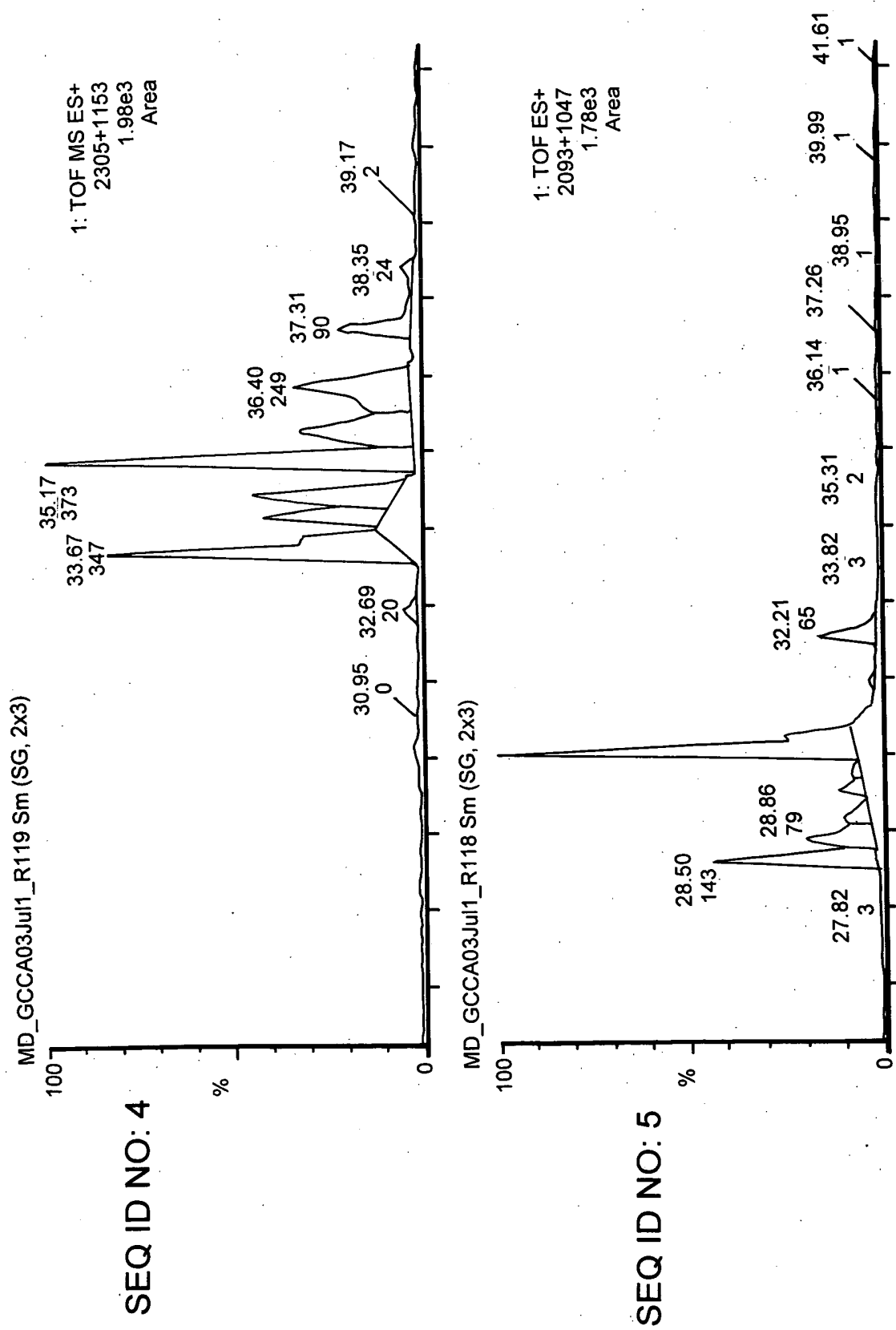


FIG. 1A

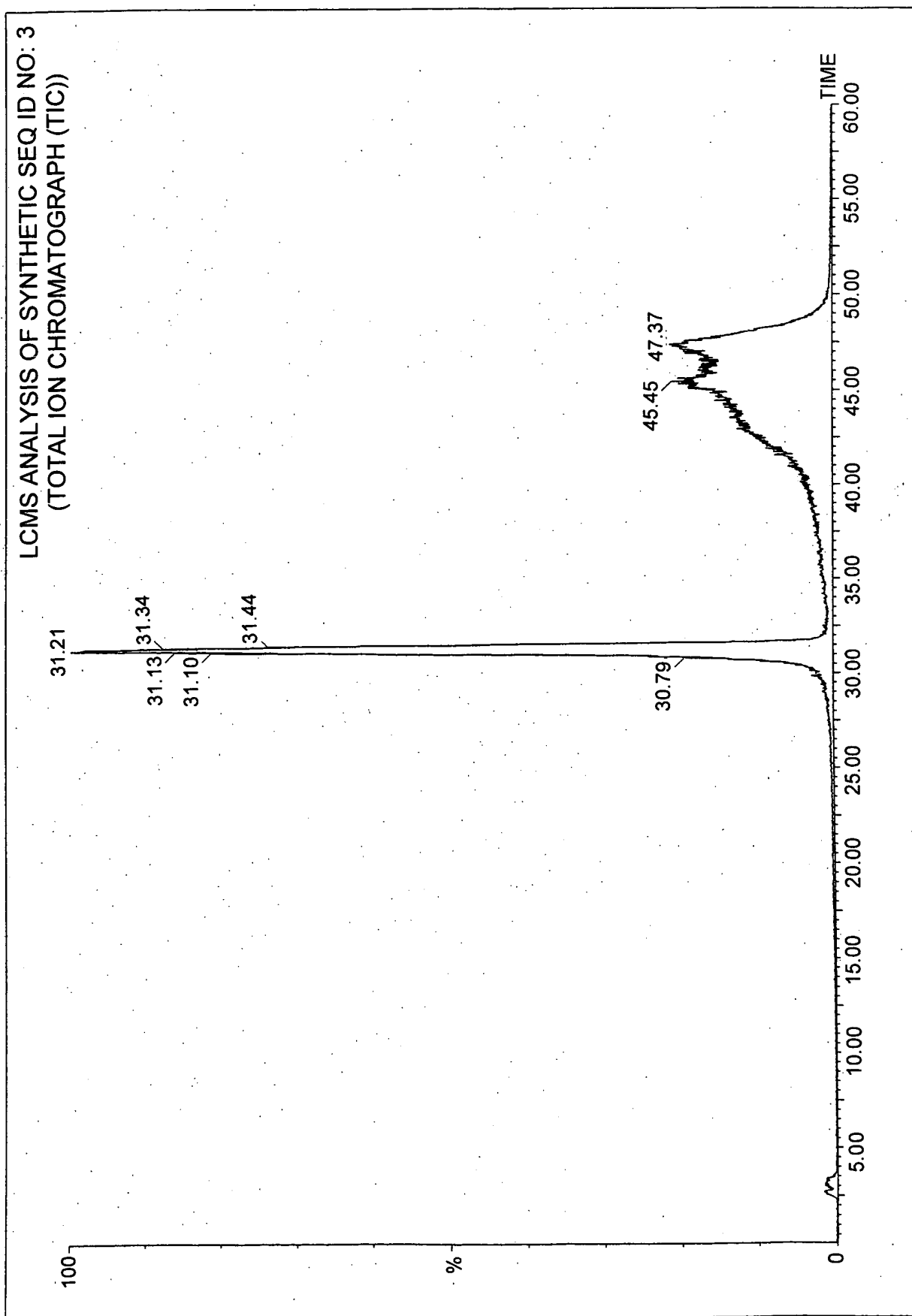


FIG. 1B

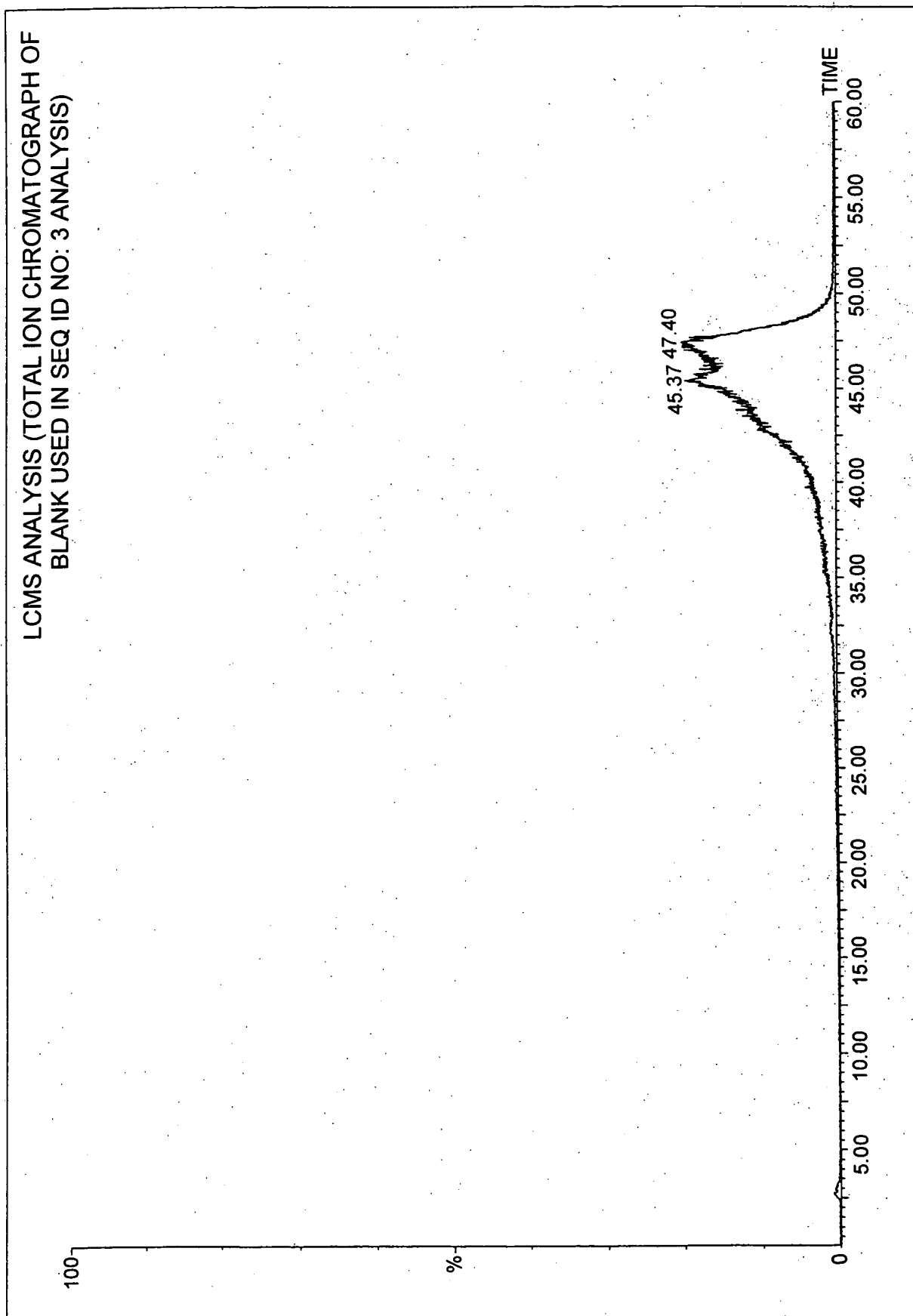


FIG. 1C

Applicant(s): Mark G. Currie et al.

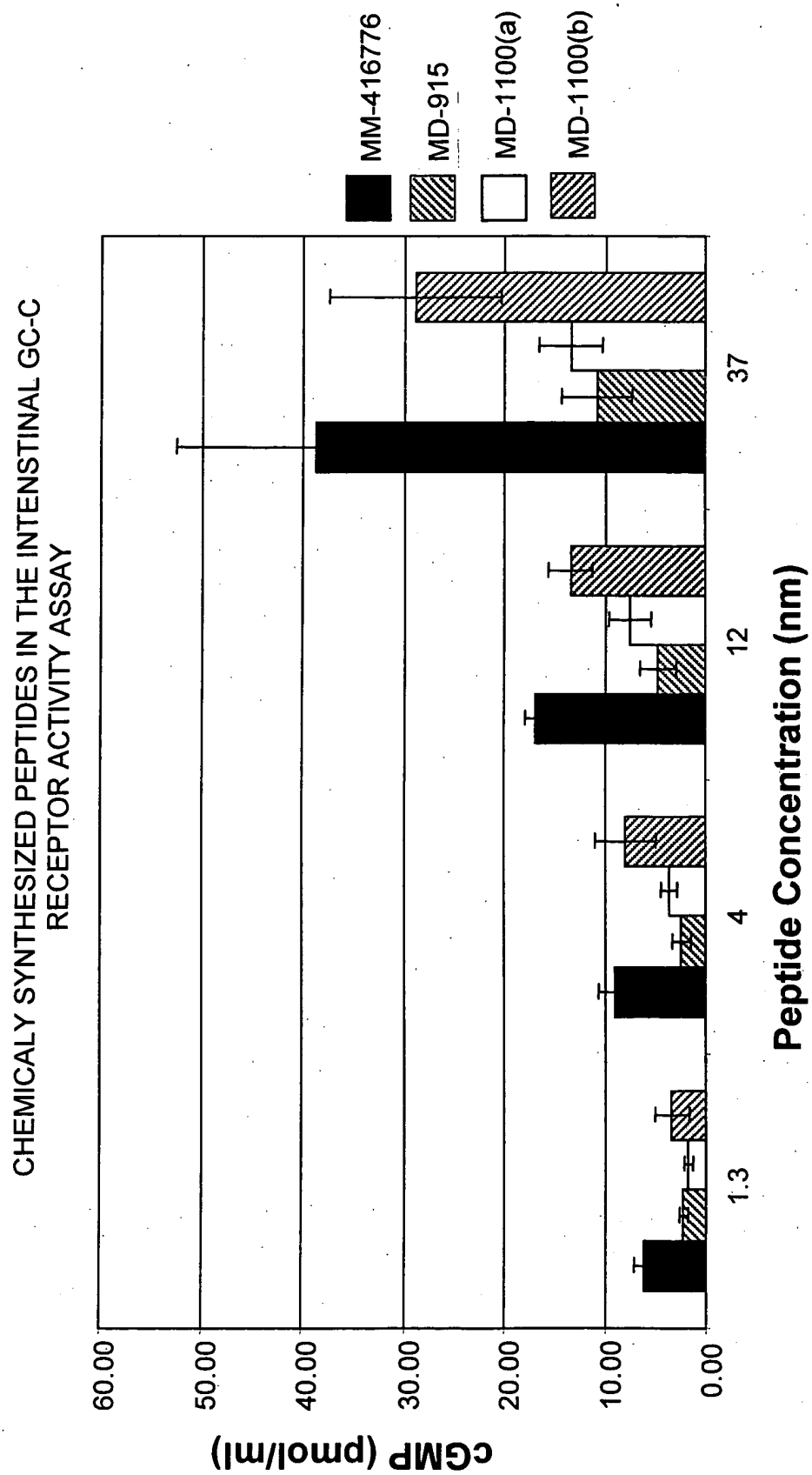
METHODS AND COMPOSITIONS FOR THE TREATMENT OF
GASTROINTESTINAL DISORDERS

FIG. 2

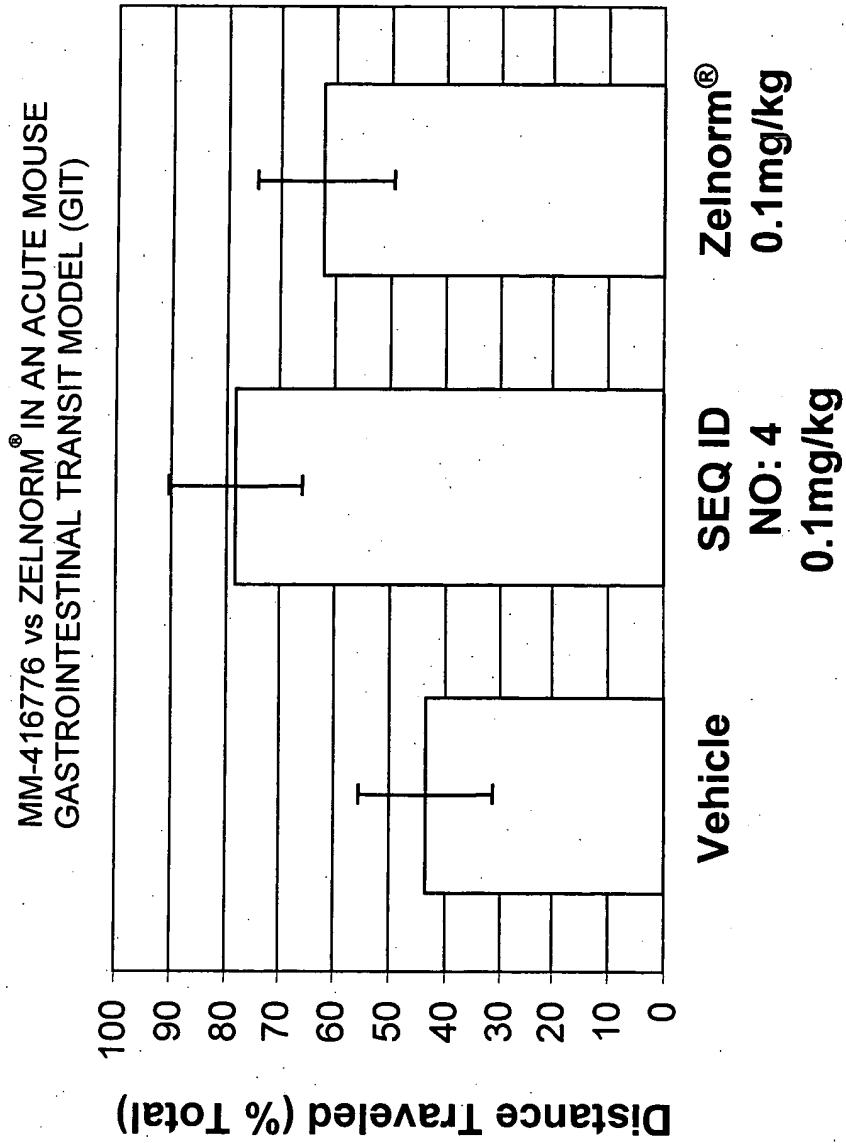
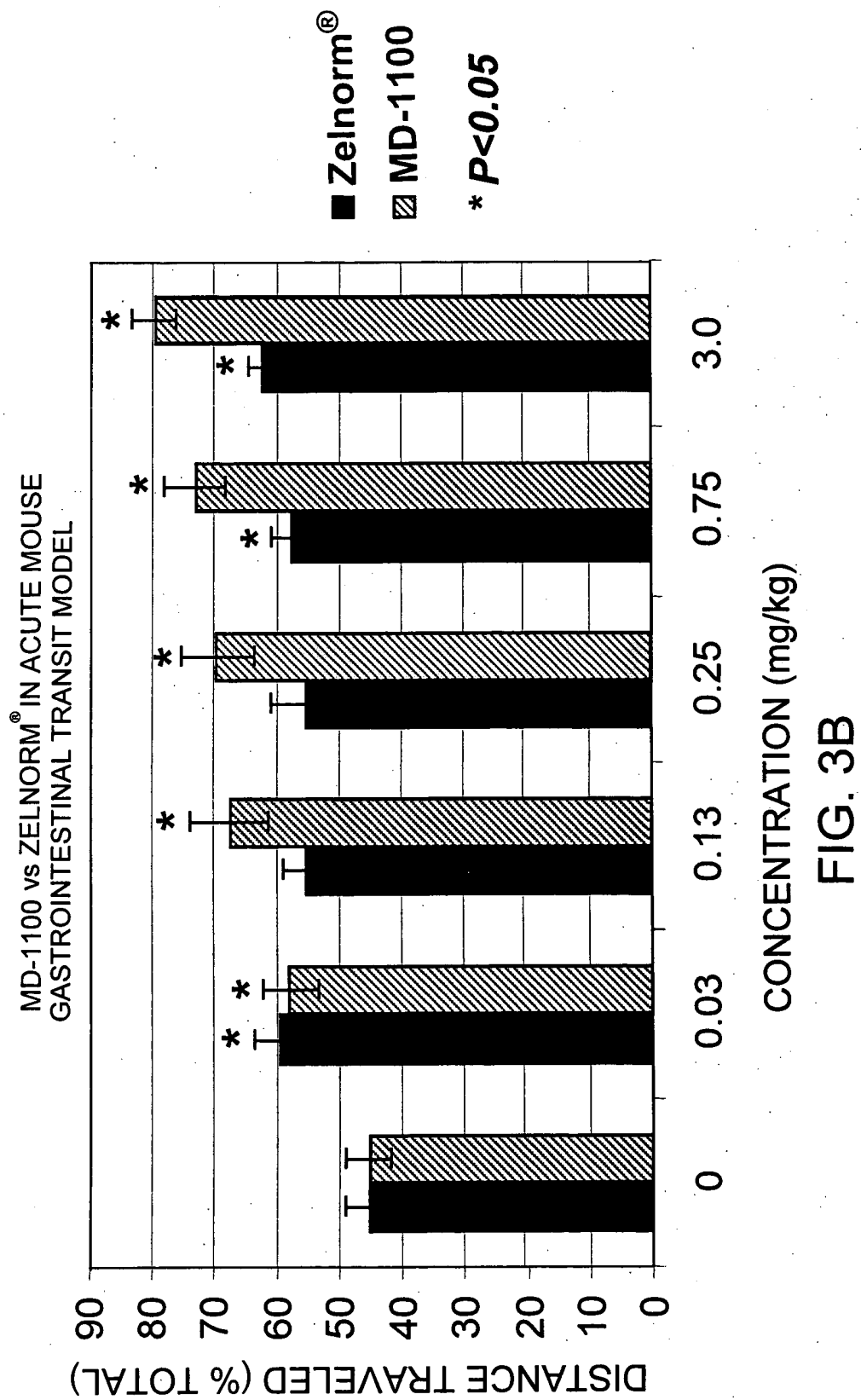


FIG. 3A

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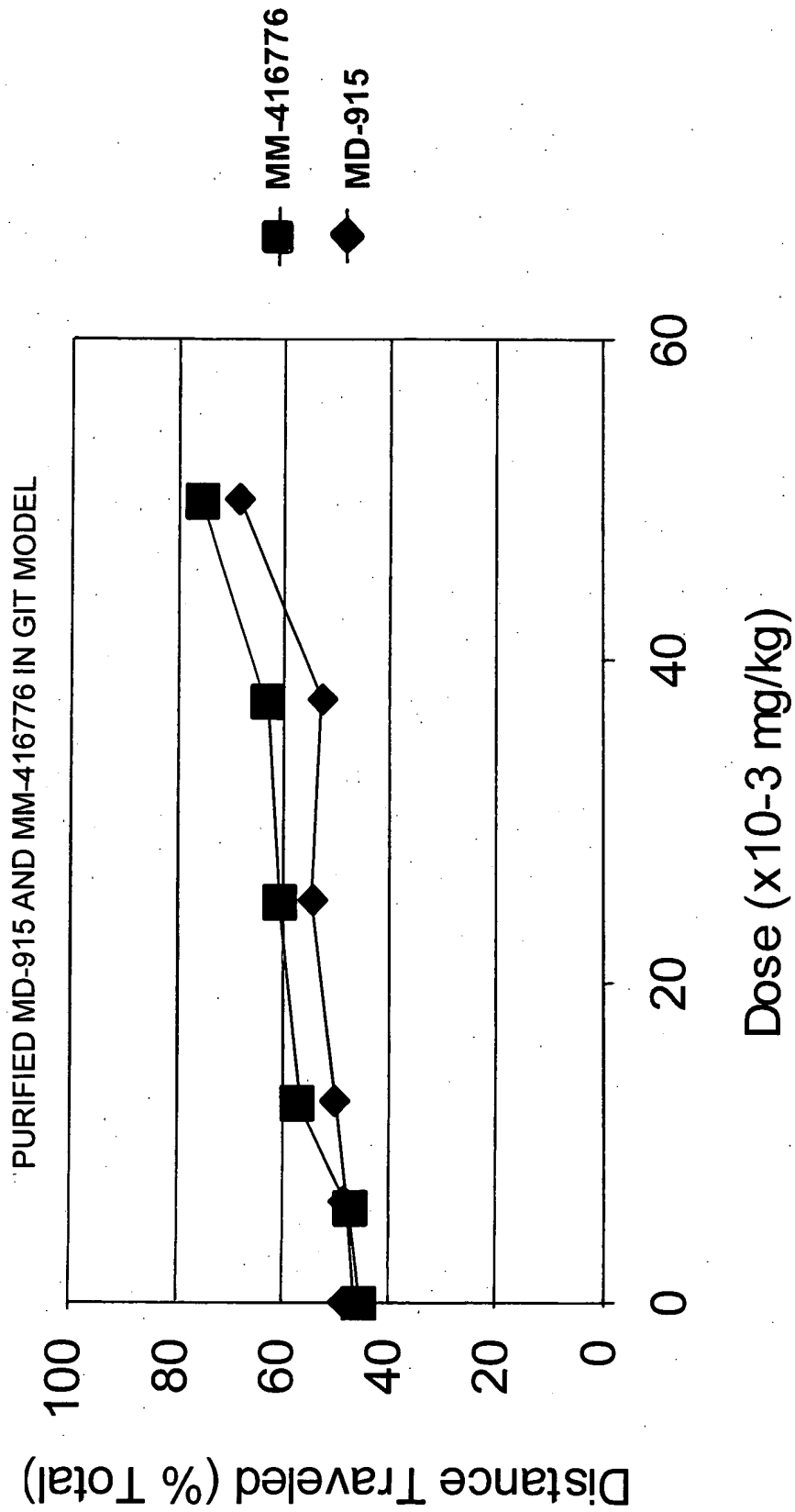
METHODS AND COMPOSITIONS FOR THE TREATMENT OF
GASTROINTESTINAL DISORDERS

FIG. 4A

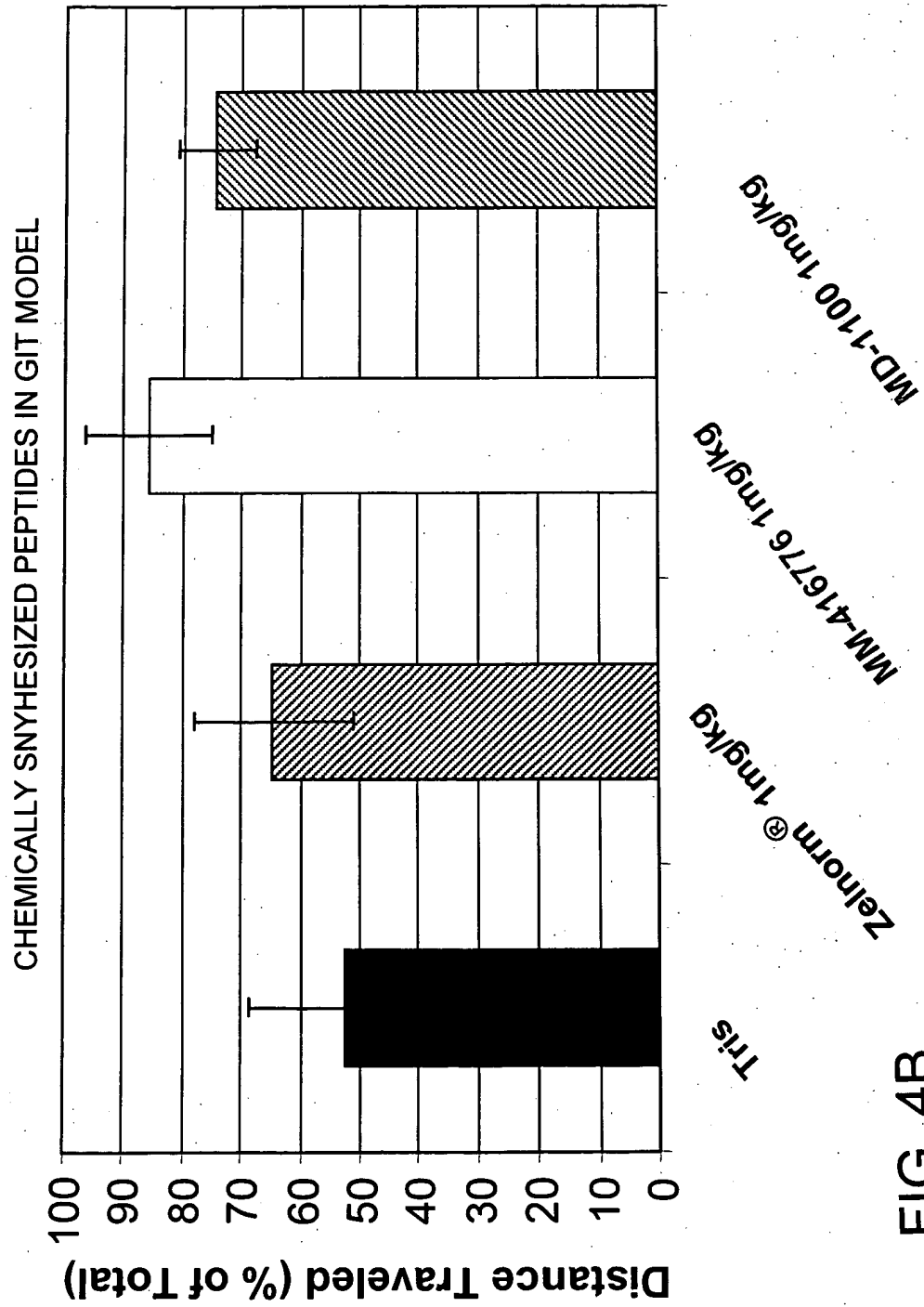
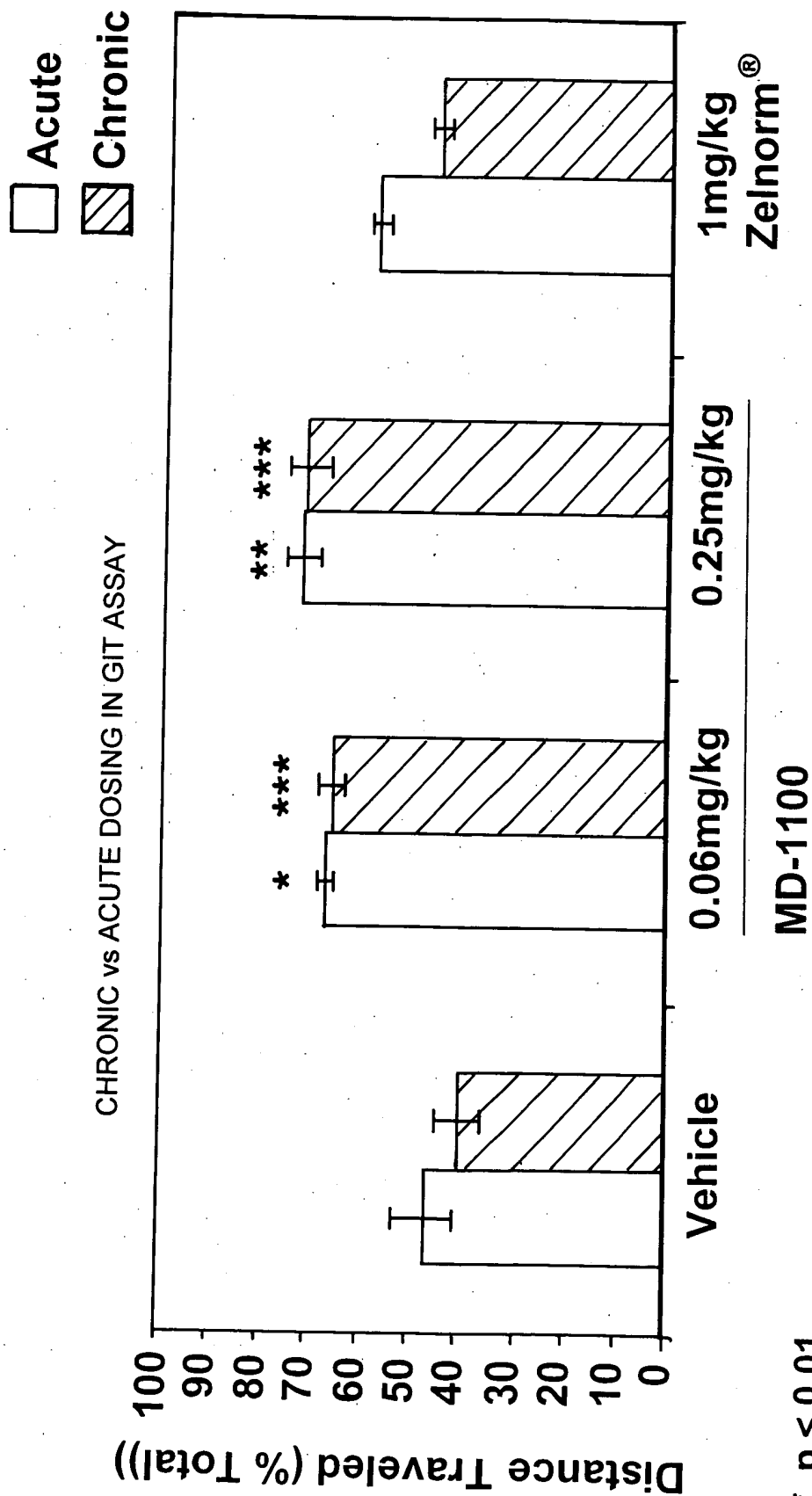


FIG. 4B



* $p < 0.01$
** $p < 0.005$
*** $p < 0.0005$

FIG. 4C

MM-416776 vs ZELNORM® IN A MOUSE INTESTINAL SECRETION MODEL

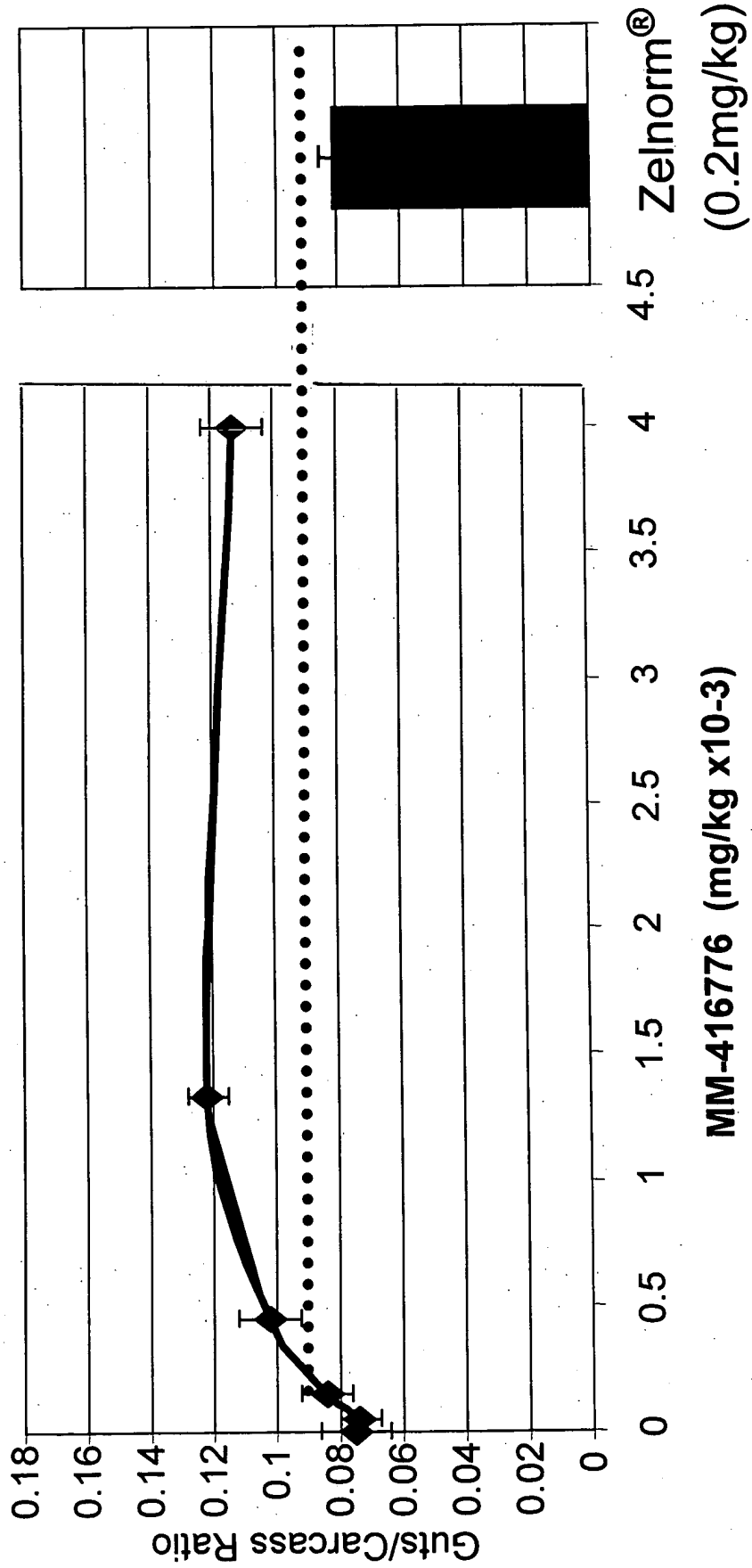


FIG. 5A

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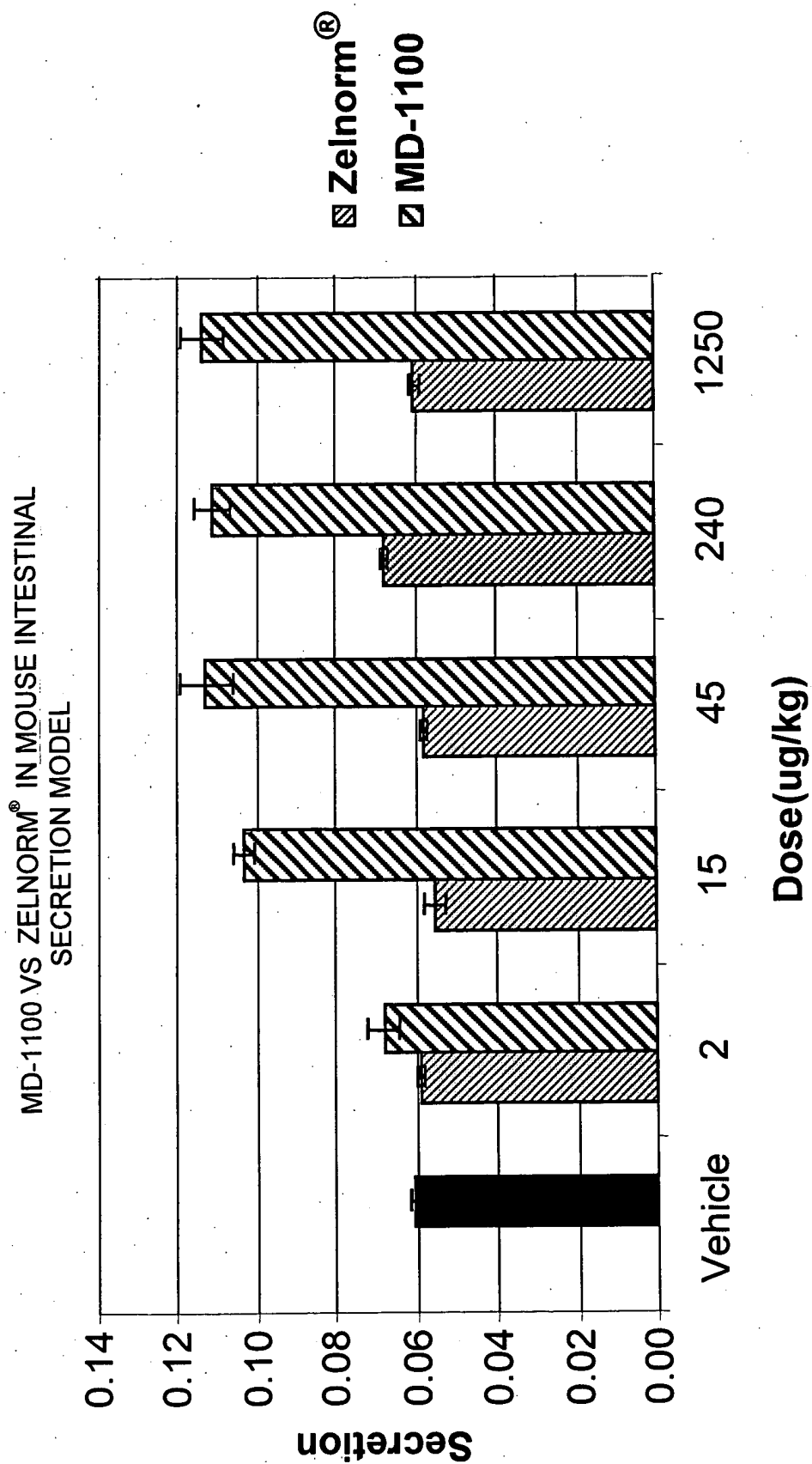
METHODS AND COMPOSITIONS FOR THE TREATMENT OF
GASTROINTESTINAL DISORDERS

FIG. 5B

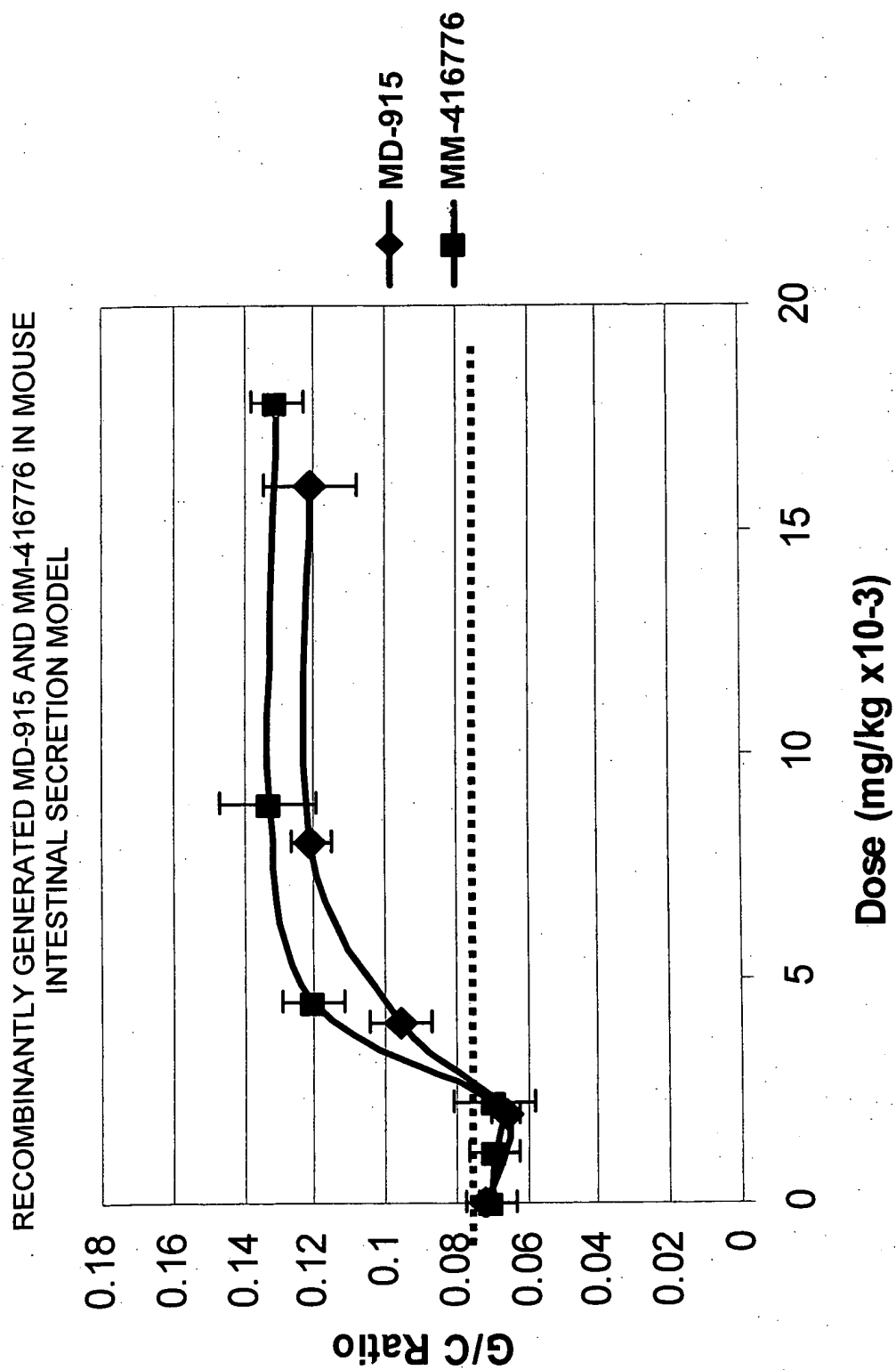


FIG. 6A

CHEMICALLY SYNTHESIZED PEPTIDES IN MOUSE
 INTESTINAL SECRETION MODEL

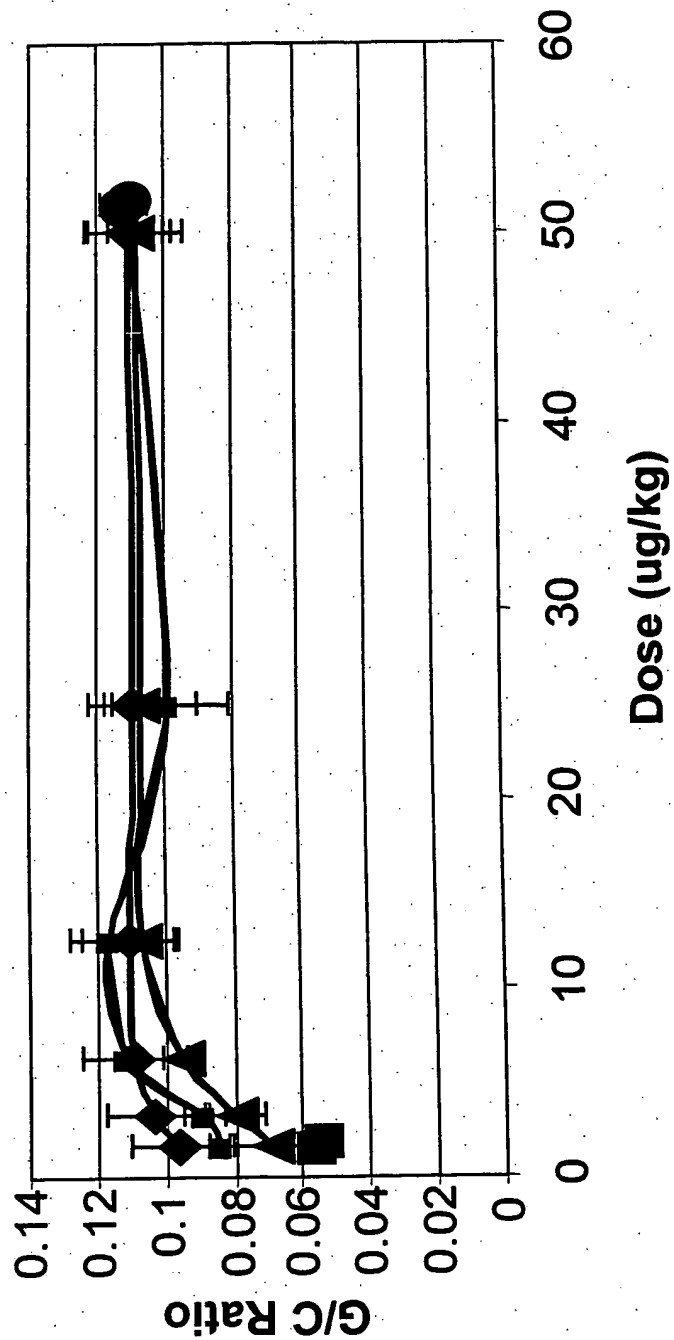
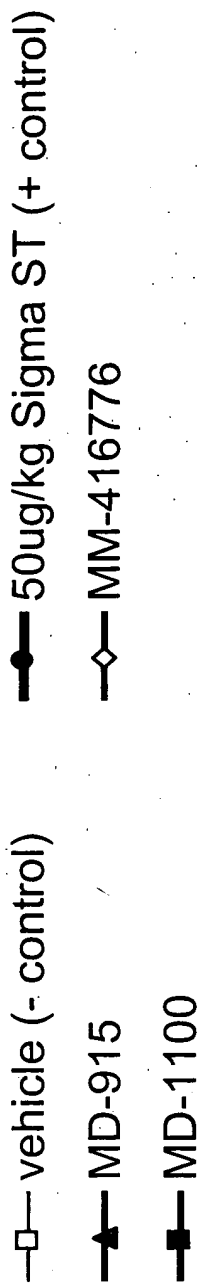
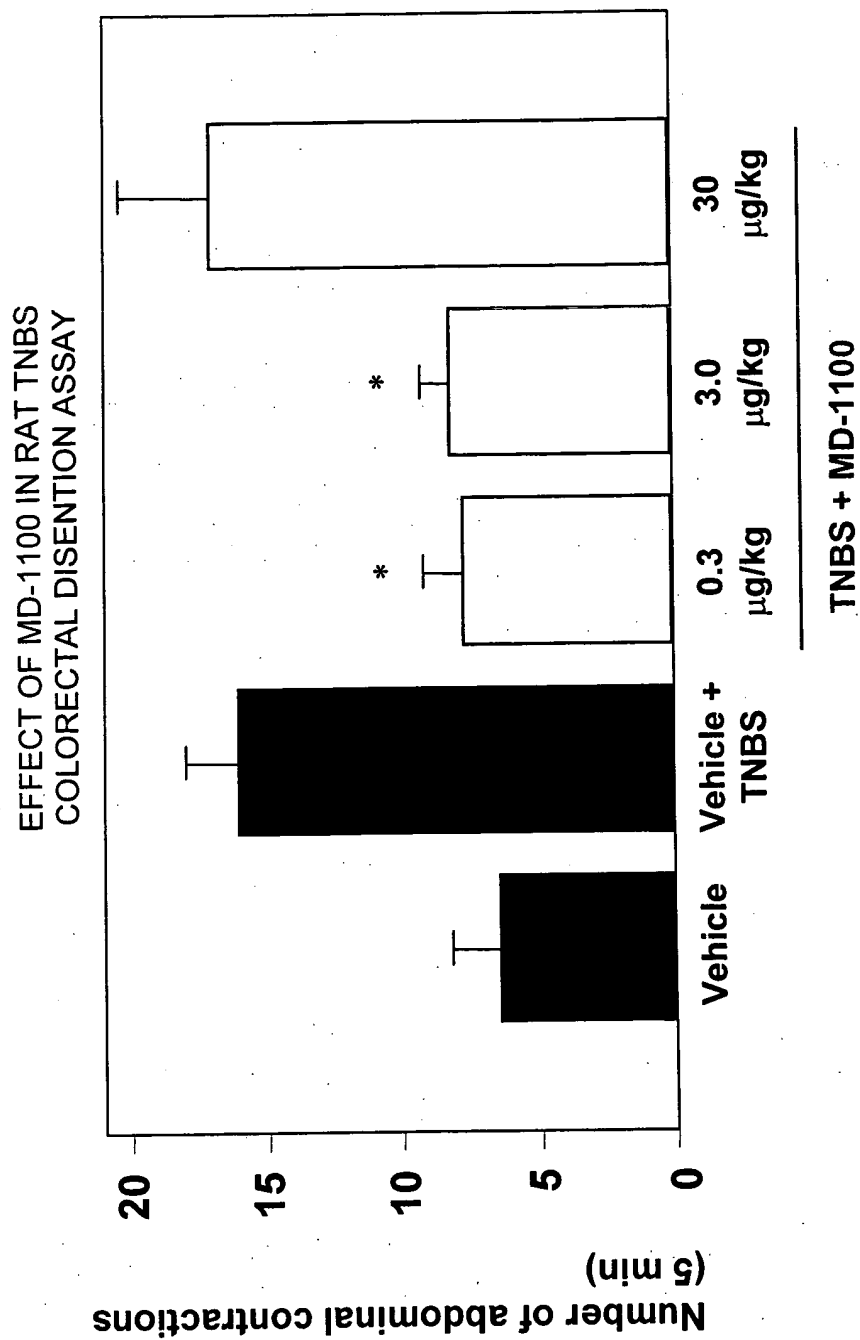


FIG. 6B



* p<0.05 as compared to "vehicle" value

FIG. 7

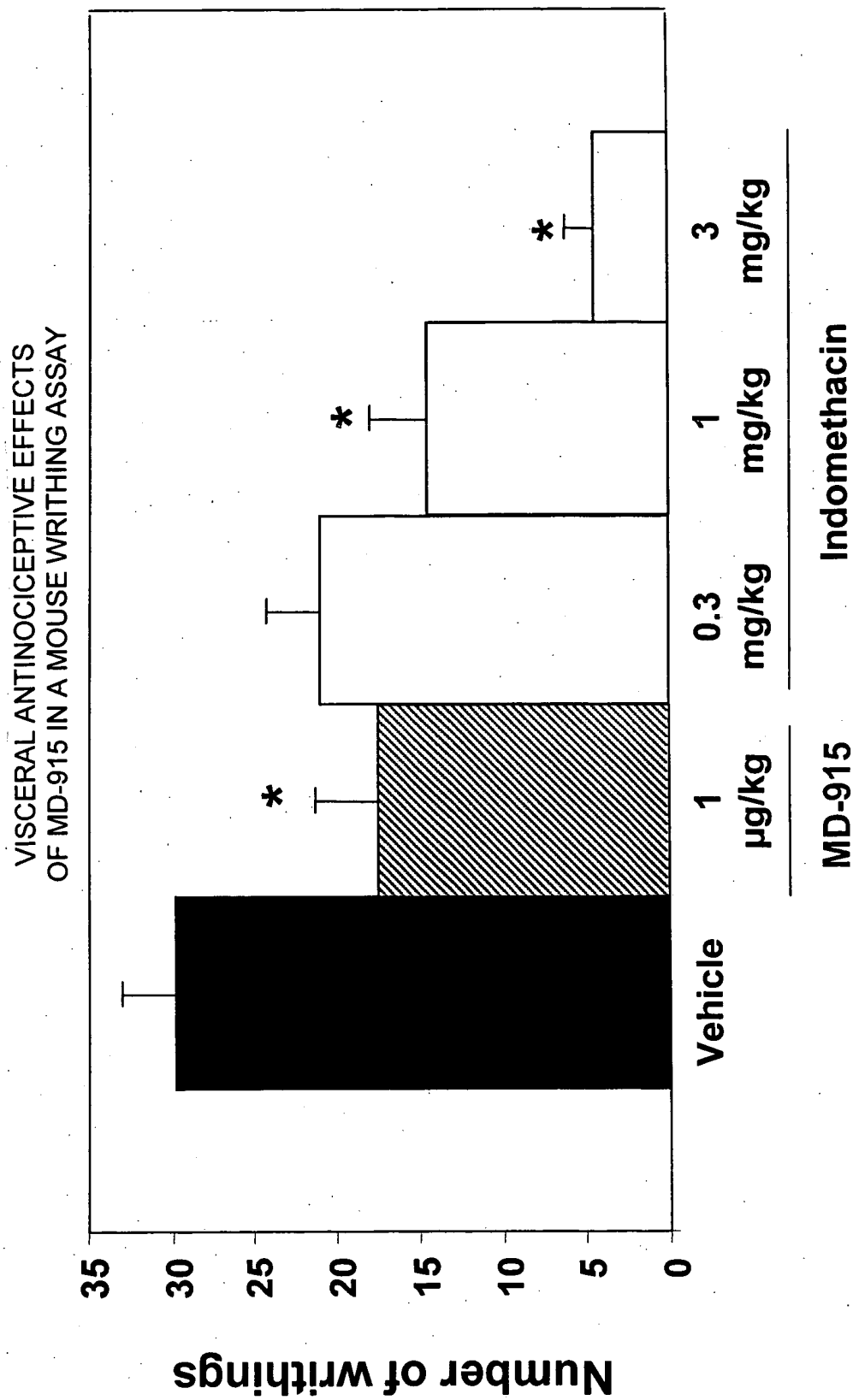


FIG. 8A

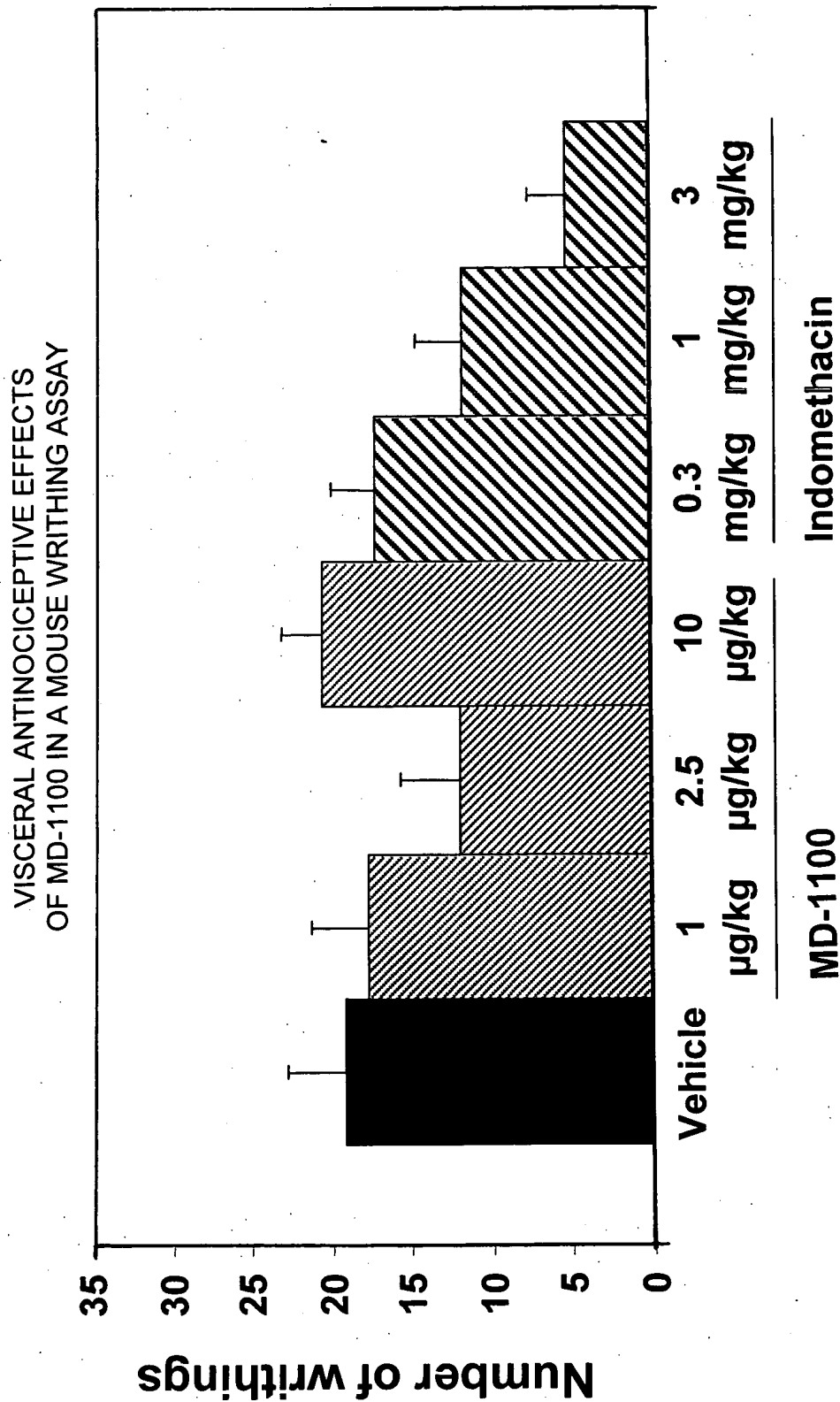
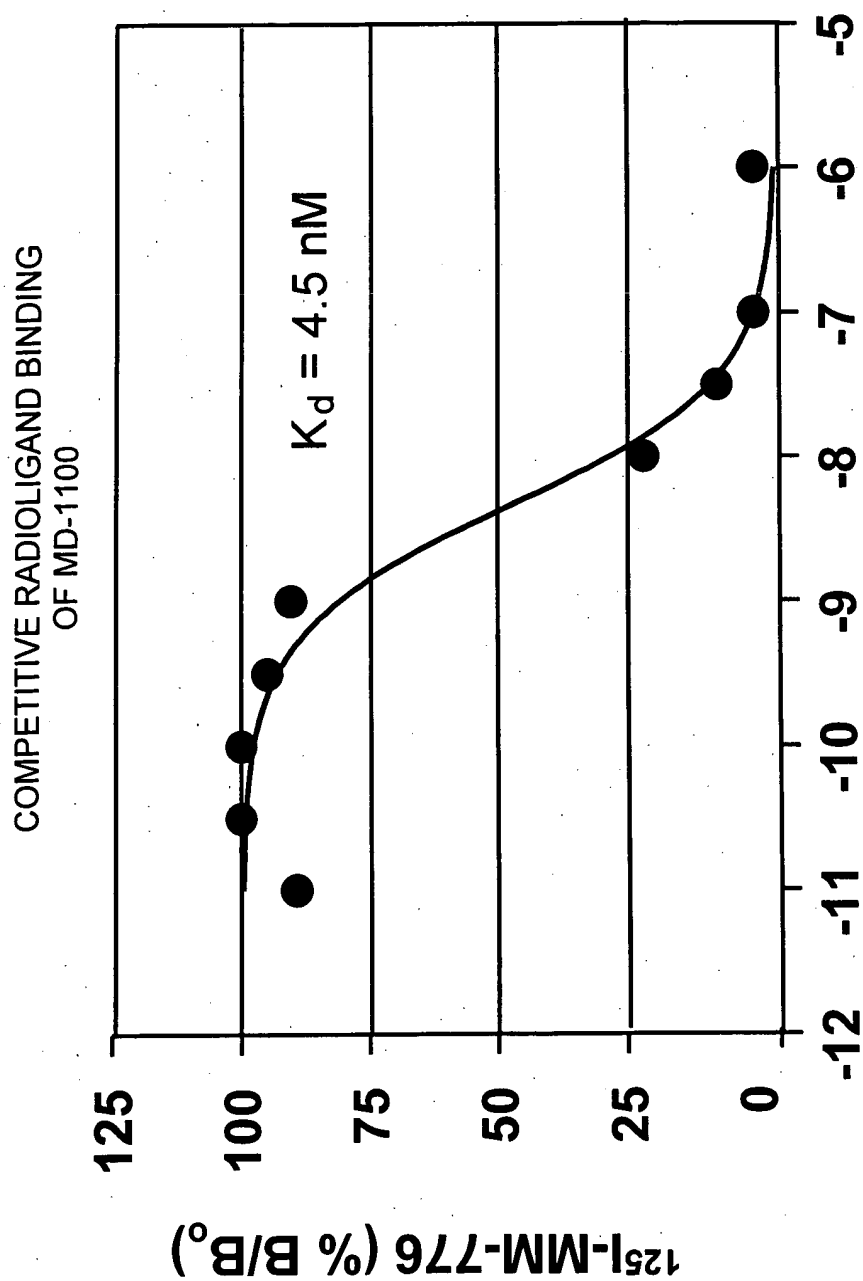


FIG. 8B



SEQ ID NO: 3, Log (M)

FIG. 9

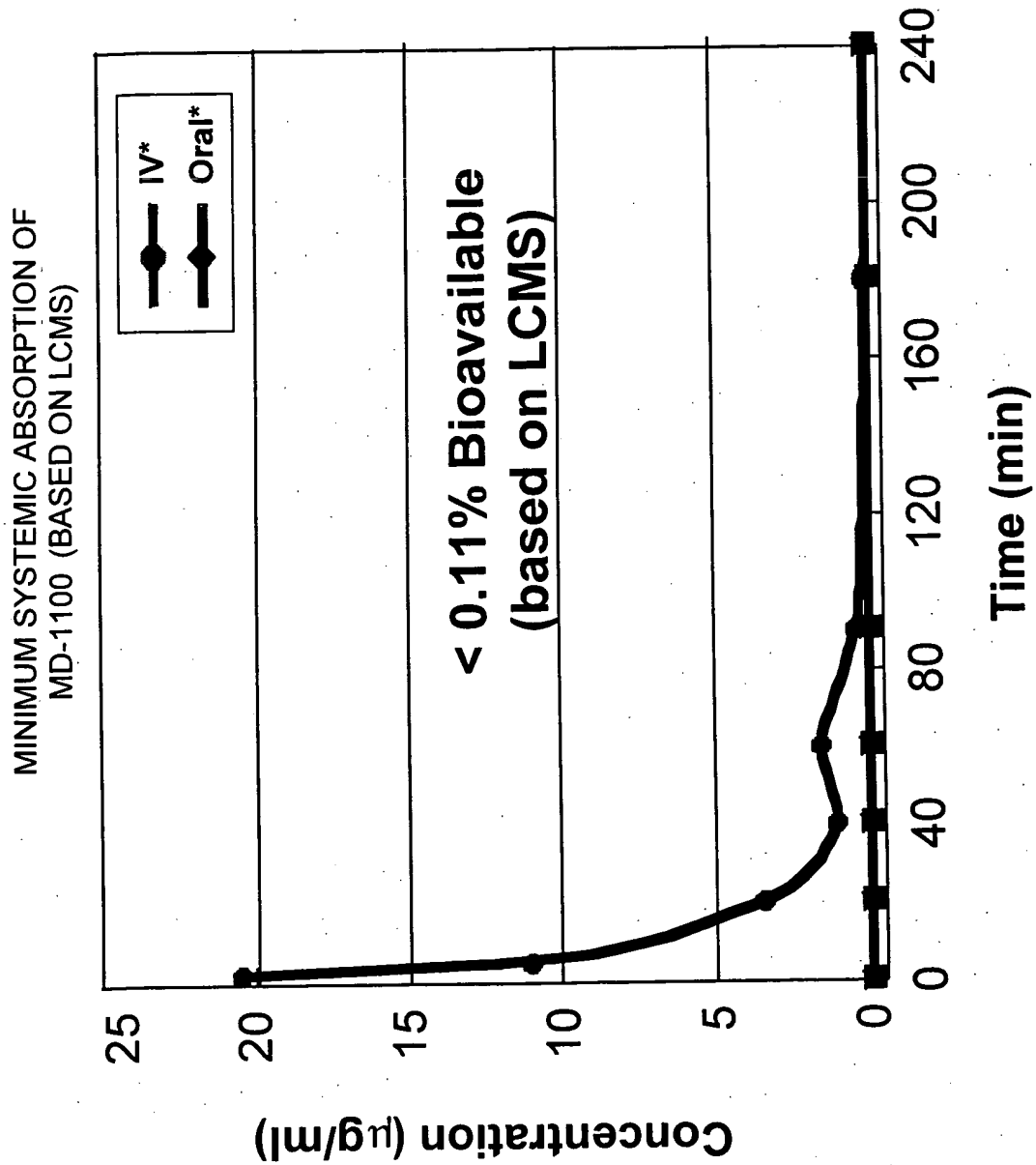
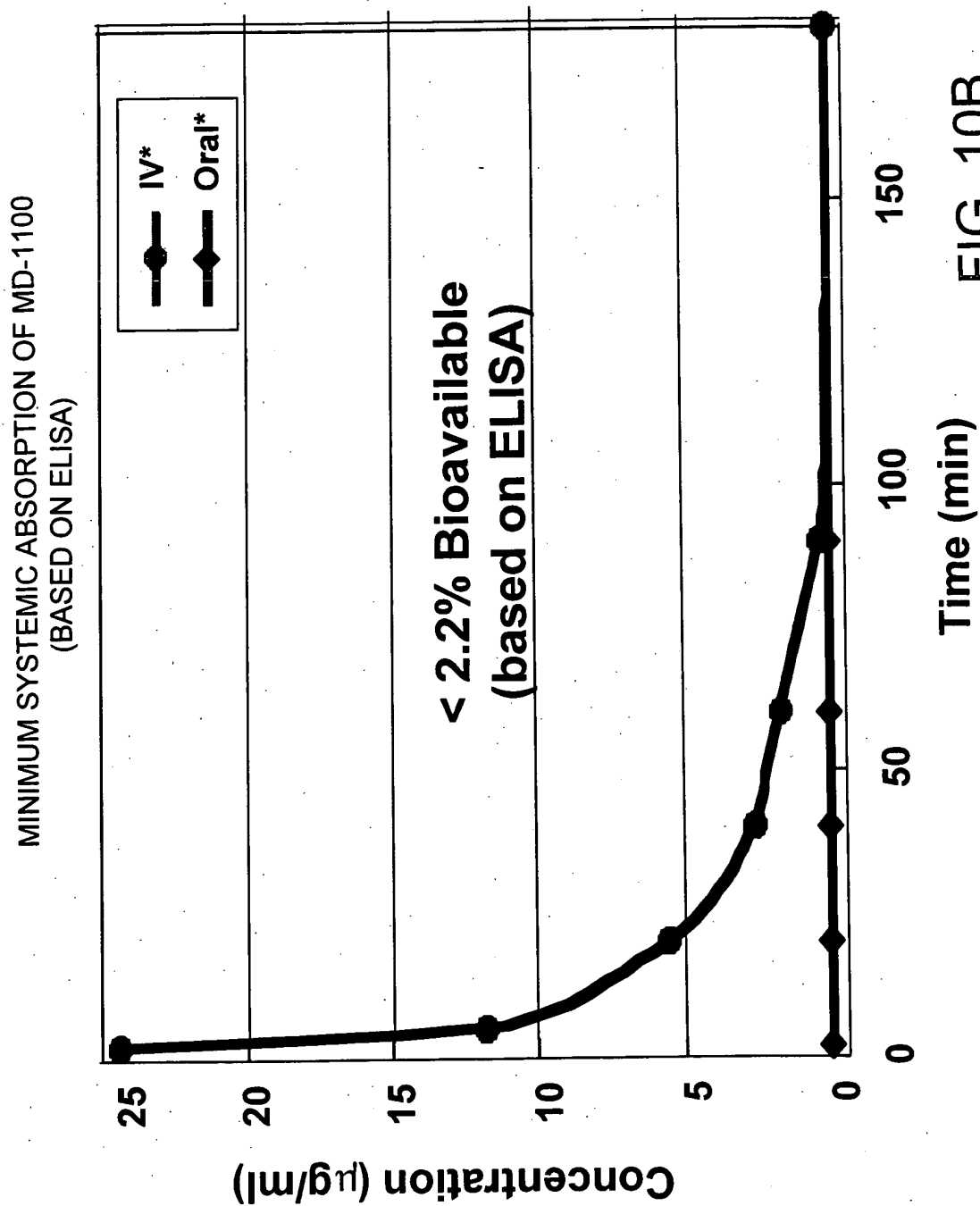


FIG. 10A

- Limit of detection 0.00063 µg/mL (0.6 nM)
- Dosing at 10 mg/kg



* Limit of detection 0.061 µg/ml
Dosing at 10 mg/kg

FIG. 10B

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